

# PROGRAMME

July 26, 2011 (Tuesday)

<b>Event</b>	<b>Time (Hours)</b>
Registration	0830 – 0900
Recitation from Holy Quran	0900 – 0905
Opening Remarks	0905 – 0910
<b>Session-1</b>	
Introduction OSHA. Dr. Syed Mahmood Ahmed	0910 – 1010
Zero Accident Techniques – Best Practices Dr. Jimmie W. Hinze	1010 – 1100
<b>Tea Break</b>	1100 – 1130
<b>Session-2</b>	
Virtual Design and Construction Techniques for Safety Management Dr. Salman Azhar	1130 – 1220
Types of Hazards Addressed in OSHA Standards Dr. Syed Mahmood Ahmed	1220 – 1310
<b>Lunch &amp; Prayer Break</b>	1310 – 1400
<b>Session -3</b>	
OSHA Standards – Subpart Dr. Rafiq Muhammad Choudhry	1400 – 1450
Panel Discussion Dr. Syed Mahmood Ahmed	1450 – 1600
<b>Closing &amp; Certificates</b>	1600 – 1630



**National University of Sciences  
& Technology, Islamabad**

in collaboration with  
**East Carolina University, USA**  
**University of Florida, USA**  
**Auburn University, USA**

## **International Workshop on Safety Management & OSHA Standards**

**On July 26, 2011  
at  
NIT (SCEE) AUDITORIUM  
H-12 Campus, NUST, Islamabad**

### **Resource Persons**

*Dr. Syed Mahmood Ahmed  
Dr. Jimmie W. Hinze  
Dr. Salman Azhar  
Dr. Rafiq Muhammad Ch.*



## Purpose and Background

Many employees and workers continue to be killed or injured due to lack of safety management at construction sites. Employees and workers suffer health and long-term illness caused by their work. Many of these illnesses only manifest themselves years after exposure and many are ultimately fatal. These injuries, deaths and illnesses, can and should be prevented. Employers have traditionally borne the responsibility for occupational health and safety management. Project managers and their site-level managers as well as business professionals usually have a limited understanding of their obligations relating to occupational health and safety management.

This training course aims to provide construction managers, professional engineers and practitioners/students with an understanding of theory pertaining to safety management and OSHA standards representing best practices need to be adopted on construction projects in order to make construction sites safer. Detail of training is given in the course outline section.

## Learning Objectives & Benefits:

The training modules are designed to introduce safety management and OSHA standards. It will help to identify problems of safety in local industry, suggest remedial techniques and create awareness among managers, engineers, contractors, consultants, government agencies, development organization and academia. Specifically, the training will emphasize on:

- To get the basic understanding of the OSHA, need for OSHA, OSHA act, record keeping & reporting and inspections pertaining to construction;
- To familiarize the participants about zero accidents techniques and best practices to ensure zero accidents on construction sites;
- To give participants the idea and use of virtual design and construction techniques for safety management;
- To give participants a broad introduction to the types of hazards addressed in OSHA;
- To give participants a broad introduction to OSHA standards and their implementation to make construction sites safer.

## Who Can Attend?

Managers, engineers, contractors, consultants, officials of government agencies and development organization, academia and students.

### Fee

Standard: Rs. 1000/-

Students: Rs. 500/-

### Contact Person:

Engr. Zia-Ud-Din

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## About Course Instructor:

**Prof. Dr. Syed Mahmood Ahmad** is a Professor and Chair of the Department of Construction Management at the East Carolina University in Greenville, North Carolina, USA. He has a B.Sc. (Hons.) degree in Civil Engineering from the University of Engineering and Technology, Lahore, M.S. and PhD degrees in Civil Engineering from Georgia Institute of Technology, Atlanta, Georgia. Dr. Ahmad is certified OSHA trainer and he has conducted numerous training workshops and seminars on construction safety in the USA and other countries.

**Prof. Dr. Jimmie W. Hinze** specializes in construction safety and construction contracts. He is working as a full professor at M. E. Rinker, Sr. School of Building Construction, University of Florida where he is also the director of Fluor Program for Construction Safety. Professor Hinze is the author of three text books and has published over 150 papers in refereed professional journals. He has also published extensively in trade journals and presented papers at conferences worldwide. He is a member of: American Society of Civil Engineers, International Council for Research and Innovation in Building and Construction (CIB), American Institute of Constructors, Construction Industry Institute - Academic Committee, American Society of Safety Engineers, and International Alliance of Safety Auditors.

**Prof. Dr. Salman Azhar** is an Assistant Professor at the McWhorter School of Building Science at Auburn University, Alabama. He earned his doctoral degree in Construction Management from the Florida International University, Miami, Florida. He has over 15 years of research, teaching and construction industry work experience in USA. Dr. Azhar has published over 75 papers in refereed journals, conference proceedings and edited books. He is the associate editor of the *International Journal of Construction Management and Research* and editorial board member of *ASCE Journal of Management in Engineering*.

**Prof. Dr. Rafiq Muhammad Choudhry** is a Civil Engineer from UET, Lahore. He has done his Master and Ph.D. in Construction Engineering and Management from Asian Institute of Technology, Bangkok; and Tsinghua University, Beijing respectively. Dr. Rafiq completed Post-Doctorate from RMIT University, Melbourne, Australia. Presently; he is working as Head, Department of Construction Engineering and Management, SCEE, NUST, Islamabad.